

2/7/2018

Print



Dart Hawkesbury  
1270 Aberdeen St Hawkesbury, ON K6A 1K7 Canada  
Tel (613) 632-5200

## Purchasing Receipts

PO No	Supplier	Line Item No	Rel No	Terms	Purchased Item	Description	For Part No	Project	Equipment ID	Order Qty	Due Date	Received Quantity	Accounting Job No	Serial No	Status	Receive Date	Price/Unit	Aging Days	Past Due	Total
PO038863	MES002-VC	4	1	Net 30	M304B0.250x0.500	304 Bar .250 X .500 : MATERIAL: AISI 304/316 SS BAR OR AISI 304/316 SS PLATE AS PER ASTM A276 OR ASTM A240 NOTE: AISI 303 NOT ACCEPTABLE receive ft				200	2/9/2018	221		3040144	Stock	2/7/2018	\$ 4.25 / pcs	0		\$93
Total:										200		221								\$756

Plex 2/7/2018 1:05 PM Dart, Dubois, Pascal

## Shipping Order

06/02/2018

METAUX SOLUTIONS INC  
2625 BOUL JACQUES CARTIER EST  
LONGUEUIL, QUEBEC  
J4N 1L7 Tel.: 450 641-3330

Order : 132218  
Reference : 38863  
Bid : 25747  
Ship : PICK UP / PICK UP

Customer: 6323336

DART AEROSPACE LTD  
1270, ABERDEEN STREET  
HAWKESBURY, ONTARIO  
K6A 1K7

Ship To

Same

Tel.: 1 613 632-3336

Item No.	Description	Qty	Qty. Delivered	B/O Qty
	***** FACTURER E-MAIL ***** SUPER IMPORTANT SUR LE PACKING SLIP INSCRIRE LES HEAT N			
	***** FACTURER E-MAIL ***** SUPER IMPORTANT SUR LE PACKING SLIP INSCRIRE LES HEAT N			
	***** FACTURER E-MAIL ***** SUPER IMPORTANT SUR LE PACKING SLIP INSCRIRE LES HEAT N			
MP144130	4130N PLATE .250" 1 X 36" X 144" ***** HT;167245-05	1	<u>1</u>	<u>1</u>
SR234174	ST 17-4PH ROU 2.750 DIA COND. H900 1 X 12' R/L ***** HT;504m	12.5	<u>12.5</u>	<u>12.5</u>
SR1174900	17-4PH COND 900 1 DIA. 2 X 12' R/L ***** HT;452K	24	<u>24</u>	<u>24</u>
SF14124HR	304 STAIN FLA .25" X .500" HR 17 X 12' R/L ***** HT;67736108	204	<u>221</u> <u>304</u>	<u>1</u>

SHIP JOURNEY COLLECT  
JP

Shipping : \_\_\_\_\_  
Package No : \_\_\_\_\_  
Merchandise Received: \_\_\_\_\_

Ref. : \_\_\_\_\_  
\_\_\_\_\_

METAUX SOLUTIONS INC  
2625 BOUL JACQUES CARTIER EST  
LONGUEUIL, QUEBEC  
J4N 1L7 **Tel. : 450 641-3330**

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SHIP JOURNEY COLLECT  
JP

**Shipping** : \_\_\_\_\_ **Ref.** : \_\_\_\_\_  
**Package No** : \_\_\_\_\_  
**Merchandise Received:** \_\_\_\_\_



Dart Aerospace Ltd.  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

Tel (613) 632-5200

# **PURCHASE ORDER** **PO038863**

**Supplier:** MES002-VC  
Metaux Solutions  
2625 boul Jacques-Cartier Est  
Longueuil  
QC  
J4N 1L7 Canada  
Phone: 800 558 8858  
Fax: 514 633 8044

**PO No:** PO038863

**PO Date:** 1/25/18

**Due Date:** 2/9/18

**Purchase Order**  
**Revision:**

**Revision Date:**

**Ship-To Contact:** Phone:

**Via:** Ground

**Pynt Terms:** Net 30

**Freight Terms:**

**Special Comments:**

**E-MAILED**

**JAN 26 2018**

**Ship To:** 1270 Aberdeen Street  
Hawkesbury  
ON  
K6A 1K7 Canada  
Phone: 613-632-5200

## **Items**

Line Item	Part	Supplier Part No	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	M17-4-H900-R1.000		17-4 SS H900 Round Bar 1.00" : M174PH-H900R0.500 MATERIAL: 17-4 PH COND. H900 AS PER AMS 5643 NOTE: PLEASE SHIP MATERIAL TO METCOR INC. 560 BOULV. ARTHUR SAUVE SAINT-EUSTACHE, QC J7R-5A8 450-473-1884 receive ft	Firmed	2/9/18	24 ft	0 ft	24 ft	\$26.35/ft	\$632.40
2	M17-4-H900-R1.750		17-4 SS H900 Round Bar 2.750" : MATERIAL: 17-4 PH COND. H900 M174PH-H900R0.625 AS PER AMS 5643 NOTE: PLEASE SHIP MATERIAL TO METCOR INC. 560 BOULV. ARTHUR SAUVE SAINT-EUSTACHE, QC J7R-5A8 450-473-1884 receive ft	Firmed	2/9/18	12 ft	0 ft	12 ft	\$189.80/ft	\$2,277.60
3	M4130NS.250		4130 Sheet .250 : MATERIAL: AISI 4130N STEEL SHEET AS PER OR AS PER AMS 6345 MIL-S-18729 OR AMS 6350 OR AMS 6351 receive sf	Firmed	2/9/18	36 sf	0 sf	36 sf	\$59.109722/sf	\$2,127.95
4	M304B0.250x0.500		304 Bar .250 X .500 : MATERIAL: AISI 304/316 SS BAR OR AISI 304/316 SS PLATE AS PER ASTM A276 OR ASTM A240 NOTE: AISI 303 NOT ACCEPTABLE receive ft	Firmed	2/9/18	200 pcs	0 pcs	200 pcs	\$4.25/pcs	\$850.00

221  
ft

**FEB 07 2018**

DAS  
11  
9-89

**Grand Total: \$5,887.95**

**Order Notes****Procurement Quality Clauses**

A005 right of entry  
A012 chemical and physical test report  
A016 personnel qualification  
A017 raw material identification (as applicable)  
A026 certification of material conformance  
A041 quality management system  
A042 dart notification by supplier  
A043 retention of quality documents  
  
A048 counterfeit parts avoidance, detection, mitigation and disposition program  
  
A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit [www.dartaerospace.com](http://www.dartaerospace.com) for further explanation.

Plex 1/25/18 12:44 PM dart.lavoie.chantal

METAUX SOLUTIONS INC  
 2625 BOUL JACQUES CARTIER EST  
 LONGUEUIL, QUEBEC  
 J4N 1L7 **Tel. : 450 641-3330**

**Bid** 25/01/2018 25747

**Sales Rep.** : JEROME PRIMEAU  
**Reference** : CHANTAL  
**Expiration Date** : 25/04/2018

**Customer :** 6323336

DART AEROSPACE LTD  
 1270, ABERDEEN STREET  
 HAWKESBURY, ONTARIO  
 K6A 1K7

**Ship To :**

Same

**Tel.:** 1 613 632-3336

<i>Item No.</i>	<i>Description</i>	<i>Qty</i>	<i>Price</i>	<i>Total</i>	<i>Tx</i>
	***** FACTURER E-MAIL ***** SUPER IMPORTANT SUR LE PACKING SLIP INSCRIRE LES HEAT N				
MP144130	4130N PLATE .250" 1 X 36" X 144"	1	2127.95	2 127.95	A
SR234174	ST 17-4PH ROU 2.750 DIA COND. H900 1 X 12' R/L	12	189.80	2 277.60	A
SR1174900	17-4PH COND 900 1 DIA. 1 X 12' R/L	12	26.35	316.20	A
	7/10 DAYS				

**Subtotal** 4 721.75

**A) Regist :**

**HST :** 613.83

**Total :** 5 335.58

**Chantal Lavoie**

---

**From:** Regis Quenneville  
**Sent:** Tuesday, January 23, 2018 3:47 PM  
**To:** Kim Johnston; Chantal Lavoie  
**Subject:** MAT'L

Hi Kim, can you enter the following mat'l in the system:

M17-4-H900-R2.750

Hi Chantal, can you order a couple feet of this atleast.

Thanks,  
RQ

P/N RBE350A93-3316-20-1  
350 FIELD MAINTENANCE KIT

*metals solutions*

*4130N sheet .250" 32 SF*

*4140H R 1.5" / ft*

**BOLLINGHAUS**  
**STEEL**Bollinghaus Steel, SA  
DIN EN ISO 9001:2008  
TÜV CERT No. 01 100 030458

Abnahmeprüfzeugnis/Mill Test Certificate/Certif. de Qualidade

EN 10204:2004 / 3.1

No.: / Nr.: / N.º:

0000136628

Unsere Innere Verweisung / Our Int. Ref / ref int

Datum / Date / Data

5600036278 000010

19.12.2017

**Spezifikation / Standards / Normas**

TYPE 304/UNS S30400 and TYPE 304L/UNS S30403 acc. to ASTM A276/A276M-16a, ASTM A182/A182M-16a, ASTM A193/A193M-16, ASTM A479/A479M-16a, ASTM A320/A320M-15a, ASTM A314-15, ASTM A262-15 Pract. E, AMS QQ-S-763D, AMS 5830J, AMS 5847K, ASME SA479/SA479M, ASME SA276, ASME SA182/182M, ASME SA 193/SA193M, ASME SA320/SA320M, NACE MR0175-2015, execution as per ASTM A484/A484M-16.

Kunde / Customer / Cliente

Endgültiger Kunde / Final Customer / Cliente Final

Bestell Nr./Order Nr./Enc.Nr. c110766

Bestell Nr./Order Nr./Enc.Nr. c110766.1

Produktgruppe / Product Group / Grupo Produto

Gewicht / Weight / Peso

Bunde / Bundle / Atados

AISI 304/L FLAT 1/4 X 1/2"

1.059 lb

01

Werkstoff-Nr.  
Material-no.  
Qualidade

1.4307

Werkstoff-Normbezeichnung / Material standard grade / Norma do material

X 2 CrNi 18-9

**Beschreibung / Description / Descrição**Stainless steel flat bars, hot rolled, heat treated, straightened and pickled  
US DFAR 252.225-7009: MELT SOURCE: France / MFG: Portugal.Schmelzen Nr.  
Cast Nr. / Fusão nr.**Chemische Analyse in % / Chemical composition in % / Análise química em %**

67736108

C	0.018	Si	0.525	Mn	1.154	P	0.029	S	0.025	Cr	18.127	Ni	8.045
Mo	0.376	Co	0.117	Cu	0.408	N	0.080	Ti	0.002	-	-	-	-

EAF+AOD

Proben Nr.  
Test no.  
Amostra no.**ASTM E399**Kerbschlagarbeit  
Impact Test  
Resistência

(Charpy V)

[ J ]

[ KJ ]

48

57

93

53.9

59.4

70.1

**ASTM A370**Zugfestigkeit  
Tensile strength  
Tensão de ruptura

Rm

[ Ksi ]

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Visuelle Kontrolle  
Visual inspection  
Inspeção visual☒

Ok

**ASTM E10**Härte  
Hardness  
Dureza

195

[ HB ]

**ASTM A484**Maßkontrolle  
Dimensional inspection  
Inspeção dimensional☒

Ok

**ASTM E112**Korngröße  
Grain size  
Tamanho de grão

9

Verwechslungsprüfung  
Test of identity  
Teste de identificação☒

Ok

Mikroskopische Untersuchung  
Macrographic testMaterial free from  
segregation defects.☒

Ok

**ASTM A262 Practice E**Korrosionsbeständigkeit  
IC Test☒

Ok

Abnahmebeauftragter  
Authorized inspection Representative  
Inspector de Qualidade

396

Vasco Ferreira (N - VF)

Wärmebehandlung  
Heat treatment  
Tratamento térmico

Annealed Quenched 1900 °F (1050 °C)

(water quenched)

**Bemerkungen / Remarks / Observações**Country of origin: Portugal, No weld repair done.  
Material is free of mercury and radiation contamination.Hiermit bestätigen wir, dass das Material der oben genannten  
Spezifikation entspricht.We confirm that this material meets the specification according  
the mentioned standards.Confirmamos que este material respeita as especificações  
de acordo com as normas referidas.



# MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M304B0.250X0.500  
 DATE: FEB 07 2018

PO BATCH NO: 038863/5040144

MATERIAL CERT REQ: yes  
 QUANTITY RECEIVED: 221"  
 QUANTITY INSPECTED: 221"  
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 0.250  
 THICKNESS RECEIVED: 0.250  
 SHEET SIZE ORDERED: N/A  
 SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	Y	(N)	
CORRECT FINISH	(Y)	N	
CORROSION	Y	(N)	
CORRECT GRAIN DIRECTION	(Y)	N	
CORRECT MATERIAL PER M-DRAWING	(Y)	N	Aston A276
CORRECT THICKNESS	(Y)	N	
PHOTO REQUIRED	Y	(N)	
CORRECT REF # TO LINK CERT	(Y)	N	Heat # 67736108
CORRECT MATERIAL IDENTIFICATION	(Y)	N	
CORRECT M# ON THE MATERIAL	(Y)	N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	(N)	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	(N)	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK  
 RECORD RESULTS BELOW

	HRC	HRB	DUR A	DUR C	WEAR
TYPE OF MATERIAL					
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

*testers located in the Quality Office*

<b>QC 18 INSPECTION</b>		<b>ENGINEERING SIGNOFF (if req)</b>	
INSPECTED BY: <u>11</u> DATE: <u>FEB 07 2018</u>	SIGNED OFF BY: _____ DATE: _____		

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

# **SPECIFICATION CONTROL DRAWING**

△ PURCHASE MATERIAL: AISI 304/316 SS BAR OR AISI 304/316 SS PLATE  
(NOTE: AISI 303 NOT ACCEPTABLE)

△ SPECIFICATION:  
PART NUMBER:

ASTM A276 OR ASTM A240  
M304B/TTTT | WWW.WWWW/  
THICK | WIDTH

WHERE "TTT" = THICKNESS IN INCHES  
AND "WWW.WWWW" = WIDTH IN INCHES

△ EG. 0.5" X 3.0" BAR = M304B0.500X03.000  
EG. 0.5" X 12.0" PLATE = M304B0.500X12.000

RELEASED  
2010-11-30

C	ADDED PLATE TO PURCHASE MATERIAL, ADDED PLATE RELATED SPECIFICATIONS, AND EG. CHANGED TITLE FROM "304/316 BAR" TO "304/316 BAR/PLATE"	MB	10.11.25
B	REFORMAT DWG. ADD SPECS (2N DB-1), REF PAR 08-020A	CP	09.07.15
A	NEW ISSUE	PH	05.08.10
REV.	DESCRIPTION	BY	DATE
DESIGN			
DRAWN			
CHECKED			
MFG. APPR.			
APPROVED			
DE APPR.			
DATE	10.11.25		

DART AEROSPACE LTD		REV. C
DRAWING NO. M304B		SHEET 1 OF 1
HAWKESBURY, ONTARIO, CANADA		SCALE
TITLE 304/316 BAR/PLATE		NTS
COMPANY'S SIGNATURE		
DATE		

THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL. IT IS TO BE KEPT UNDER LOCK AND KEY AND NOT TO BE DISCLOSED TO ANY OTHER PERSON WITHOUT THE WRITTEN PERMISSION OF DART AEROSPACE LTD.